5

## WHAT IS CLAIMED IS:

- 1. A rubber composition for a tyre tread, which comprises (a) a diene rubber, (b) glass fibers, (c) a reinforcing agent, and 1 to 15 parts by weight of (d-1) inorganic powders softer than the glass fibers and having an average particle-size of less than 25 µm and/or (d-2) silicone rubber powders based on 100 parts by weight of the diene rubber.
- 2. The rubber composition of Claim 1, wherein the inorganic 10 powders have a Mohs hardness of less than 6.5 and an average particle-size of not less than 0.03 µm.
  - 3. The rubber composition of Claim 1 or 2, wherein the inorganic powders are at least one kind of inorganic powders selected from the group consisting of clay, aluminum hydroxide, magnesium hydroxide, calcium silicate and mica.
- 4. The rubber composition of claim 1, wherein the reinforcing agent is at least one selected from the group consisting of carbon black and silica. 20
  - 5. The rubber composition of claim 1, which comprises

softner.